

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/028076 A1

(51) International Patent Classification⁷: **B01D 39/00**

(21) International Application Number:
PCT/GB2004/004023

(22) International Filing Date:
22 September 2004 (22.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0322166.0 22 September 2003 (22.09.2003) GB
0322659.4 26 September 2003 (26.09.2003) GB

(71) Applicant (for all designated States except US): **ABERDEEN UNIVERSITY** [GB/GB]; Research and Innovation, University Office, Kings College, Aberdeen AB24 3FX (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **IMBABI, Mohammed, Salah-Eldin** [GB/GB]; The University of Aberdeen, School of Engineering & Physical Sciences, King's College, Aberdeen AB24 3UE (GB).

(74) Agents: **SUER, Steven, Johannes et al.**; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6PQ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

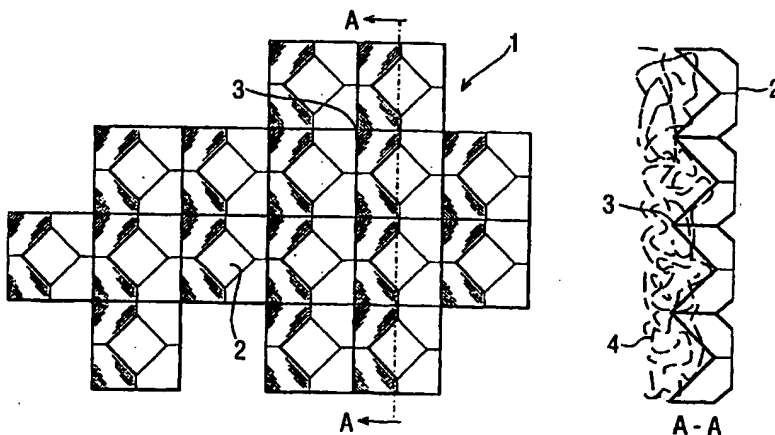
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SUPPORT PANEL**



(57) Abstract: The present invention concerns an air permeable panel (1) for an intermediate cladding layer having filtering characteristics. Such cladding layers are for use in breathing buildings where the building walls provide filtering characteristics. The panel comprises a plurality of projections (3) interconnected in a lattice configuration, said projections being arranged to face in a common direction for engagement in use with said intermediate cladding layer. The projections (3) are formed from pointed hollowed elements, which are interspersed with apertures.